Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007452.D
Acq On : 07 Sep 2016 23:06
Operator : UM/SJ
Sample : H4666-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3A5

Manual Integrations APPROVED
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9/8/2016 12:54:33 PM

Quant Time: Sep 08 05:33:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	246702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1220215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	832892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2058285	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2492053	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2205987	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6084	1.26	ng/uL	0.00
5) Phenol-d5	6.96	99	219598	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	154715	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	193846	11.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	185222	9.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	118126	13.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	118311	11.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	218990	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	33044	1.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	830129	11.55	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1130832	13.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	13644	1.01	ng/ul	0.01
57) Fluorene-d10	15.42	176	838297	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	78360	6.05	ng/ul	0.00
70) Anthracene-d10	17.27	188	1329120	13.82	ng/ul	0.00
76) Pyrene-d10	19.56	212	1599818	15.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1253652	12.34	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.94	77	39550	2.98	ng/ul	94
28) Naphthalene	10.63	128	197557	3.26	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	179076	3.61	ng/ul	98
44) Dimethylphthalate	13.88	163	487438	6.81	ng/ul	99
53) Dibenzofuran	14.82	168	180255	2.16	ng/ul	97
69) Phenanthrene	17.21	178	780240	7.06	ng/ul	99
71) Anthracene	17.30	178	123112	1.08	ng/ul	95
74) Fluoranthene	19.23	202	1111375	8.01	ng/ul	99
77) Pyrene	19.59	202	758349	5.67	ng/ul	99
80) Benzo(a)anthracene	21.33	228	480461m	3.27	ng/ul	
82) Chrysene	21.39	228	1335286m	10.03	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1297841	9.95	ng/ul	98
86) Benzo(k)fluoranthene	22.98	252	297802m	2.47	ng/ul	
88) Benzo(a)pyrene	23.52	252	252393	2.02	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.90	276	220996	1.44	ng/ul	94
91) Benzo(g,h,i)perylene	26.61	276	176894	1.36	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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